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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Applicant Wen-Chang Wu Art Unit:2875

Series No 10/628797 Examiner:

ZEADE, BERTRAND

Filed 07/29/2003

Title INSTRTRION STRUCTURE FOR INSERTING LAMP  
ROD TO WIRE WINDING BOX

Mail Stop Non-Fee Amendment

Honorable Assistant Commissioner for Patents

P.O. Box 1450

20 Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Official Action date 12 / 23 / 2004, please amend the  
above-referenced Patent Application as following:

25

## AMENDMENT

### IN THE SPECIFICATION

5     (A) Please amend the second paragraph in the BACKGROUND OF THE NVENTION of the specification as the following. The amendment is based on the suggestions of Examiner, and thus no new matter is added.

10    The prior art buckling structures of lamps, such as wall lamps, seat lamps, or stand lamps, are assembled by screwing studs with nuts. Not only a ~~the~~ collision easy occurs, but also the locking tools (for example, spanners, openers, etc.) are needed. In assembly, the wires will be exposed which might generate ~~expose so as to generate~~ electric shock. Moreover, the assembly work is tedious and thus it is unsuitable for being 15 assembled by the users themselves. Thus generally, the wire winding box is assembled with the inserting rod before sale. Thereby, the cost is high and a larger space is necessary for transfer and storage.

20    (B) Please amend the first paragraph in the SUMMARY OF THE NVENTION of the specification as the following. The amendment is based on the suggestions of Examiner, and thus no new matter is added.

25    Accordingly, the primary object of the present invention is to provide an insertion structure for inserting a lamp rod into ~~to~~ a wire winding box which has ~~comprises~~ a retaining seat; a front end of the retaining seat having a flange and a lateral side of the flange being a threaded surface; the threaded surface passing through the via hole of the wire winding box and being locked by a nut; a hollow slot being formed on the threaded surface of the retaining seat; a lateral side of the slot being

locked with a reed by a stud; an inner side of the reed being punched with an embedded block inclined to the slot; the embedded block protruding into the slot of the retaining seat; a insertion head; an interior of the insertion head being fixed with a conductive plug; the conductive plug protruding from a bottom side of the insertion head for conducting to the receptacle in the retaining seat; a lateral side of the insertion head corresponding to the reed of the retaining seat having a bank of teeth for buckling the retaining seat as the insertion head is inserted into the retaining seat;

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## IN THE CLAIM

Please amend the claim 1 the following. The claim 2 is remained as the original form without any amendment. All the amendments of the claim 1 are based on the suggestion in the office action and thus no new matter is added.

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## **LIST OF CLAIMS:**

Claim 1. (Currently amended) An insertion structure for inserting a  
10 lamp rod to a wire winding box comprising:

a retaining seat; a front end of the retaining seat having a flange and a lateral side of the flange being a threaded surface; the threaded surface passing through ~~a the~~ via hole of the wire winding box and being locked by a nut; a hollow slot being formed on the threaded surface of the retaining  
15 seat; a lateral side of the slot being locked with a reed by a stud; an inner side of the reed being punched with an embedded block inclined to the slot; the embedded block protruding into the slot of the retaining seat;

~~an~~ ~~a~~ insertion head; an interior of the insertion head being fixed with a conductive plug; the conductive plug protruding from a bottom side of the insertion head for conducting to ~~a the~~ receptacle in the retaining seat; a lateral side of the insertion head corresponding to the reed of the retaining seat having a bank of teeth for buckling the retaining seat as the insertion head is inserted into the retaining seat;

thereby, a lamp rod with the insertion structure is detachable from the  
25 wire winding box easily for storage and transfer.

Claim 2. (Original) The insertion structure as claimed in claim 1, wherein one end of the retaining seat having an inserting groove; two inner sides of the inserting groove have respective embedding grooves; a  
30 receptacle is installed in the inserting groove and then a gate plate is

inserted into the two embedding grooves for positioning the receptacle within the retaining seat.

**REMARKS**

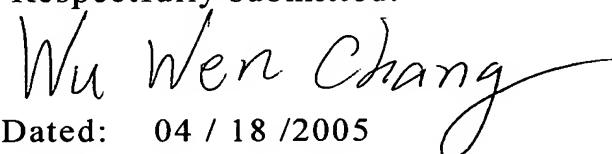
Very thanks for Examination's suggestion and thanks for finding some citations about the present invention, thereby, the applicant may know more information about the invention.

5       Responsive to the objections and rejections made of the Examiner in office action. We have amended the specification, and claims. All the errors disclosed in that office action has been corrected according to the Examiner's indications disclosed in the official action.

10      **If there is any error in the specification, or claims, applicant requests and authorizes Examiner to amend the claims, specification and drawings of the present invention so that they can match the requirement of U. S. Patent. Attentions of Examiner to this matter are greatly appreciated.**

15      Since in office action, the claims 1 and 2 are allowed and I have amended the claims according to the suggestions in the office action, it is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectively requested.

20      Respectfully submitted.

  
Wu Wen Chang

Dated: 04 / 18 /2005

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